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- 987 β-Catenin Dysregulation in Thyroid Neoplasms: Down-Regulation, Aberrant Nuclear Expression, and CTNNB1 Exon 3 Mutations Are Markers for Aggressive Tumor Phenotypes and Poor Prognosis Ginesa Garcia-Rostan, Robert L. Camp, Agustin Herrero, Maria Luisa Carcangiu, David L. Rimm, and Giovanni Tallini
- 997 PG490-88, a Derivative of Triptolide, Blocks Bleomycin-Induced Lung Fibrosis

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- 1005 Sporadic Fundic Gland Polyps: Common Gastric Polyps Arising Through Activating Mutations in the β-Catenin Gene
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- 1011 Expression of the Hypoxia-Inducible and Tumor-Associated Carbonic Anhydrases in Ductal Carcinoma in Situ of the Breast
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- 1021 Protection of ATP-Depleted Cells by Impermeant Strychnine Derivatives: Implications for Glycine Cytoprotection
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- 1039 Generation of C-Reactive Protein and Complement Components in Atherosclerotic Plaques Koji Yasojima, Claudia Schwab, Edith G. McGeer, and Patrick L. McGeer
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- Structural and Functional Disruption of Vascular Smooth Muscle Cells in a Transgenic Mouse Model of Amyloid Angiopathy
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- 1073 Frequent β-Catenin Mutations in Juvenile Nasopharyngeal Angiofibromas Susan C. Abraham, Elizabeth A. Montgomery, Francis M. Giardiello, and Tsung-Teb Wu

- 1079 Disruption of Integrin Function in the Murine Myocardium Leads to Perinatal Lethality, Fibrosis, and Abnormal Cardiac Performance Rebecca S. Keller, Shaw-Yung Shai, Christopher J. Babbitt, Can G. Pham, R. John Solaro, Maria L. Valencik, Joseph C. Loftus, and Robert S. Ross
- High Glucose-Induced Hypertrophy of Mesangial Cells Requires p27^{Kip1}, an Inhibitor of Cyclin-Dependent Kinases
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- 1101 Monocyte/Macrophage Activation by Normal Bacteria and Bacterial Products: Implications for Altered Epithelial Function in Crohn's Disease
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- 1111 Hepatocyte Growth Factor Enhances Vascular Endothelial Growth Factor-Induced Angiogenesis in Vitro and in Vivo
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- 1121 Primary Ovarian Carcinomas Display Multiple Methylator Phenotypes Involving Known Tumor Suppressor Genes
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- 1129 Investigation into the Mechanism of the Loss of Laminin 5 (α3β3γ2) Expression in Prostate Cancer Junsban Hao, Lorren Jackson, Robert Calaluce, Kathy McDaniel, Bruce L. Dalkin, and Ray B. Nagle
- 1137 Chromosomal Abnormalities Subdivide Ependymal Tumors into Clinically Relevant Groups

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- 1145 Glomeruloid Microvascular Proliferation Follows Adenoviral Vascular Permeability Factor/Vascular Endothelial Growth Factor-164 Gene Delivery
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- 1161 Intrachoroidal Neovascularization in Transgenic Mice Overexpressing Vascular Endothelial Growth Factor in the Retinal Pigment Epithelium
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- 1173 Augmented Senile Plaque Load in Aged Female β-Amyloid Precursor Protein-Transgenic Mice Michael J. Callaban, William J. Lipinski, Feng Bian, Robert A. Durbam, Amy Pack, and Lary C. Walker

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- 1185 A Case of Tumor Betrayal: Biphasic Effects of TIMP-1 on Burkitt's Lymphoma

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- 1191 Induction of Megakaryocytic Differentiation in Primary Human Erythroblasts: A Physiological Basis for Leukemic Lineage Plasticity
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- Hyperglycemia-Induced Vasculopathy in the Murine Conceptus Is Mediated via Reductions of VEGF-A Expression and VEGF Receptor Activation
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- 1207 Tissue Inhibitor of Metalloproteinase-1 Alters the Tumorigenicity of Burkitt's Lymphoma via Divergent Effects on Tumor Growth and Angiogenesis
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- 1217 Growth Hormone Receptor Is Expressed in Human Breast Cancer

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- 1223 The Neurofibromatosis Type 2 Gene Is Mutated in Perineurial Cell Tumors: A Molecular Genetic Study of Eight Cases

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- 1231 Comparative Genome-Scale Analysis of Gene Expression Profiles in T Cell Lymphoma Cells during Malignant Progression Using a Complementary DNA Microarray Shiyong Li, Douglas T. Ross, Marshall E. Kadin, Patrick O. Brown, and Mariusz A. Wasik
- 1239 Proliferating Bile Duct Epithelial Cells Are a Major Source of Connective Tissue Growth Factor in Rat Biliary Fibrosis
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- 1245 Validation of Tissue Microarrays for Immunohistochemical Profiling of Cancer Specimens Using the Example of Human Fibroblastic Tumors
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1253 Detection of 1p and 19q Loss in Oligodendroglioma by Quantitative Microsatellite Analysis, a Real-Time Quantitative Polymerase Chain Reaction Assay Janice M. Nigro, Micbelle A. Takabashi, David G. Ginzinger, Mark Law, Sandra Passe, Robert B. Jenkins, and Ken Aldape

- 1263 Macrophage-Derived Chemokine (MDC/CCL22) and CCR4 Are Involved in the Formation of T Lymphocyte-Dendritic Cell Clusters in Human Inflamed Skin and Secondary Lymphoid Tissue Fuminori Katou, Haruo Obtani, Takasbi Nakayama, Katsubiko Ono, Kouji Matsushima, Anne Saaristo, Hirosbi Nagura, Osamu Yosbie, and Katsutosbi Molegi
- 1271 Relocalization of Apoptosis-Inducing Factor in Photoreceptor Apoptosis Induced by Retinal Detachment in Vivo
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- 1279 Molecular Determinants of Ovarian Cancer Plasticity

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- 1289 c-Myb and Bcl-x Overexpression Predicts Poor Prognosis in Colorectal Cancer: Clinical and Experimental Findings
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- 1301 Matriptase and HAl-1 Are Expressed by Normal and Malignant Epithelial Cells in Vitro and in Vivo Michael Oberst, Joanna Anders, Bin Xie, Baljit Singh, Miguel Ossandon, Michael Johnson, Robert B. Dickson, and Chen-Yong Lin
- 1313 Origin and Structural Evolution of the Early Proliferating Oval Cells in Rat Liver Sandor Paku, Janos Schnur, Peter Nagy, and Snorri S. Thorgeirsson
- 1325 Heterogeneous Vascular Dependence of Tumor Cell Populations

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- 1335 Expression and Potential Role of Fas-Associated Phosphatase-1 in Ovarian Cancer
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- 1345 Inflammatory Responses to Amyloidosis in a Transgenic Mouse Model of Alzheimer's Disease

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- 1355 Deletion of 11q23 and Cyclin D1 Overexpression Are Frequent Aberrations in Parathyroid Adenomas Samuli Hemmer, Veli-Matti Wasenius, Caj Haglund, Ying Zbu, Sakari Knuutila, Kaarle Franssila, and Heikki Joensuu
- 1363 Unique Phenotypic Profile of Monocytoid B Cells: Differences in Comparison with the Phenotypic Profile Observed in Marginal Zone B Cells and So-Called Monocytoid B Cell Lymphoma Francisca I. Camacho, Juan F. García, Lydia Sánchez-Verde, Ana I. Sáez, Margarita Sánchez-Beato, Manuela Mollejo, and Miguel A. Piris
- 1371 Molecular Clonality of In-Transit Melanoma Metastasis

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- 1379 Replicative Senescence of Biliary Epithelial Cells Precedes Bile Duct Loss in Chronic Liver Allograft Rejection: Increased Expression of p21^{WAF1/Cip1} as a Disease Marker and the Influence of Immunosuppressive Drugs

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- 1391 Elevated Proportion of Natural Killer T Cells in Periodontitis Lesions: A Common Feature of Chronic Inflammatory Diseases
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- 1399 Vascular Repair After Menstruation Involves Regulation of Vascular Endothelial Growth Factor-Receptor Phosphorylation by sFLT-1
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- 1411 Cyclooxygenase-2 Deficiency Results in a Loss of the Anti-Proliferative Response to Transforming Growth Factor-β in Human Fibrotic Lung Fibroblasts and Promotes Bleomycin-Induced Pulmonary Fibrosis in Mice
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- 1423 Gas6 Regulates Mesangial Cell Proliferation through Axl in Experimental Glomerulonephritis

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- 1433 Modulation of Chemokine Production and Inflammatory Responses in Interferon-γ- and Tumor Necrosis Factor-R1-Deficient Mice during Trypanosoma cruzi Infection
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- 1441 Synthesis of C-X-C and C-C Chemokines by Human Peritoneal Fibroblasts: Induction by Macrophage-Derived Cytokines
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- 1465 Cartilage-Specific Matrix Protein Chondromodulin-I Is Associated with Chondroid Formation in Salivary Pleomorphic Adenomas: Immunohistochemical Analysis Kimibide Kusafuka, Yuji Hiraki, Chisa Shukunami, Akira Yamaguchi, Teruo Kayano, and Tamiko Takemura
- 1473 Expression of Leukemia-Associated Antigen, JL1, in Bone Marrow and Thymus
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- 1491 Development of a Novel Proteomic Approach for the Detection of Transitional Cell Carcinoma of the Bladder in Urine
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- 1503 Chemokine Expression Dynamics in Mycobacterial (Type-1) and Schistosomal (Type-2) Antigen-Elicited Pulmonary Granuloma Formation Boain Oiu, Kirsten A. Frait, Filip Reich, Eric Komuniecki, and Stephen W. Chensue
- 1517 Inverse Relationship between Microsatellite Instability and K-ras and P53 Gene Alterations in Colon Cancer
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- 1525 Pediatric High-Grade Astrocytomas Show Chromosomal Imbalances Distinct from Adult Cases

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1533 An Animal Model for Human EBV-Associated Hemophagocytic Syndrome: Herpesvirus Papio Frequently Induces Fatal Lymphoproliferative Disorders with Hemophagocytic Syndrome in Rabbits Kazubiko Hayashi, Nobuya Obara, Noribiro Teramoto, Sachiyo Onoda, Hong-Li Chen, Takashi Oka, Eisaku Kondo, Tadashi Yoshino, Kiyoshi Takabashi, John Yates, and Tadaalsu Akagi

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- 1561 Loss of Heterozygosity or Intragenic Mutation, Which Comes First? Robb E. Wilentz, Pedram Argani, and Ralph H. Hruban
- 1565 Cytokine Regulation of Gap Junction Connectivity: An Open-and-Shut Case or Changing Partners at the Nexus?
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- 1571 Matrix Gene Expression Analysis and Cellular Phenotyping in Chordoma Reveals Focal Differentiation Pattern of Neoplastic Cells Mimicking Nucleus Pulposus Development Detlev Gottschalk, Marita Febn, Stepban Patt, Wolfgang Saeger, Thomas Kirchner, and Thomas Aigner
- 1579 In Vivo Elimination of Acentric Double Minutes Containing Amplified MYCN from Neuroblastoma Tumor Cells Through the Formation of Micronuclei Alexander Valent, Jean Bénard, Bernard Clausse, Micbel Barrois, Dominique Valteau-Couanet, Marie-José Terrier-Lacombe, Barbara Spengler, and Alain Bernbeim
- 1585 FE65 in Alzheimer's Disease: Neuronal Distribution and Association with Neurofibrillary Tangles
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- 1593 Differential Expression of Cytotoxic Molecules and Killer Cell Inhibitory Receptors in CD8+ and CD56+ Cutaneous Lymphomas Jivko Kamarasbev, Günter Burg, Maria Christina Mingari, Werner Kempf, Güntber Hofbauer, and Reinbard Dummer

- 1599 Translocation t(4;14)(p16.3;q32) Is a Recurrent Genetic Lesion in Primary Amyloidosis

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- 1605 Polycystic Kidney Rat Is a Novel Animal Model of Caroli's Disease Associated with Congenital Hepatic Fibrosis

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- 1613 Laser-Induced Noninvasive Vascular Injury Models in Mice Generate Platelet- and Coagulation-Dependent Thrombi
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- 1623 Degenerate Oligonucleotide Primed-Polymerase Chain Reaction-Based Array Comparative Genomic Hybridization for Extensive Amplicon Profiling of Breast Cancers: A New Approach for the Molecular Analysis of Paraffin-Embedded Cancer Tissue

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- 1633 Differences between Squamous Cell Carcinoma and Keratoacanthoma in Angiotensin Type-1 Receptor Expression
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- 1639 Expression Profiling of Renal Epithelial Neoplasms: A Method for Tumor Classification and Discovery of Diagnostic Molecular Markers
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- 1653 Increased Glomerular and Tubular Expression of Transforming Growth Factor-β1, Its Type II Receptor, and Activation of the Smad Signaling Pathway in the db/db Mouse
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- 1665 Expression and Localization of a Novel Rab Small G Protein (Rab38) in the Rat Lung Kazubiro Osanai, Masabaru Iguchi, Keiji Takabashi, Yoshibiro Nambu, Tsutomu Sakuma, Hirohisa Toga, Nobuo Obya, Hiroshi Shimizu, James H. Fisher, and Dennis R. Voelker
- 1677 Allelic Loss Is Often the First Hit in the Biallelic Inactivation of the p53 and DPC4 Genes During Pancreatic Carcinogenesis Jutta Lüttges, Hamid Galebdari, Verena Bröcker, Irmgard Schwarte-Waldhoff, Doris Henne-Bruns, Günter Klöppel, Wolff Schmiegel, and Stephan A. Habn
- 1685 Expression of a Novel RNA-Splicing Factor, RA301/Tra2β, in Vascular Lesions and Its Role in Smooth Muscle Cell Proliferation
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- 1695 Tissue-Dependent Alteration of Protease Expression Phenotype in Murine Peritoneal Mast Cells that Were Genetically Labeled with Green Fluorescent Protein

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- 1703 CXCR3 and Its Ligand CXCL10 Are Expressed by Inflammatory Cells Infiltrating Lung Allografts and Mediate Chemotaxis of T cells at Sites of Rejection
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- 1713 Human Trophoblast Invasion and Spiral Artery Transformation: The Role of PECAM-1 in Normal Pregnancy, Preeclampsia, and Fetal Growth Restriction

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- 1723 Nephrin Redistribution on Podocytes Is a Potential Mechanism for Proteinuria in Patients with Primary Acquired Nephrotic Syndrome Sophie Doublier, Vesa Ruotsalainen, Gennaro Salvidio, Enrico Lupia, Luigi Biancone, Pier Giulio Conaldi, Paula Reponen, Karl Tryggusson, and Gioranni Camussi
- 1733 A Vitamin D Analog Ameliorates Glomerular Injury on Rat Glomerulonephritis

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- 1743 Systemic Infusion of Angiotensin II into Normal Rats Activates Nuclear Factor-κB and AP-1 in the Kidney: Role of AT₁ and AT₂ Receptors

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- 1757 Suppression of Vascular Endothelial Growth Factor-Mediated Endothelial Cell Protection by Survivin Targeting
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- 1767 Postatrophic Hyperplasia of the Prostate Gland: Neoplastic Precursor or Innocent Bystander? Rajal Sbab, Neil R. Mucci, Anita Amin, Jill A. Macoska, and Mark A. Rubin
- 1775 Regulation of Gap Junctional Communication by a Pro-Inflammatory Cytokine in Cystic Fibrosis Transmembrane Conductance Regulator-Expressing but Not Cystic Fibrosis Airway Cells

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- 1785 nm23-H1 Suppresses Invasion of Oral Squamous Cell Carcinoma-Derived Cell Lines without Modifying Matrix Metalloproteinase-2 and Matrix Metalloproteinase-9 Expression Mabfujul H. Kban, Motoaki Yasuda, Fumibiro Higashino, Sejuty Haque, Takao Kobgo, Motoyasu Nakamura, and Masanobu Shindob
- 1793 Circadian Expression of Clock Genes in Human Oral Mucosa and Skin: Association with Specific Cell-Cycle Phases
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- 18C3 Comparative Genomic Hybridization Identifies Loss of 18q22-qter as an Early and Specific Event in Tumorigenesis of Midgut Carcinoids Solli Kytölä, Anders Höög, Brita Nord, Björn Cedermark, Tony Frisk, Catharina Larsson, and Magnus Kjellman
- 1809 The β2, α4, α5 Integrins and Selectins Mediate Chemotactic Factor and Endotoxin-Enhanced Neutrophil Sequestration in the Lung
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- 1821 Heat Stress Contributes to the Enhancement of Cardiac Mitochondrial Complex Activity Ivan A. Sammut, Jay Jayakumar, Najma Latif, Stephen Rothery, Nicholas J. Severs, Ryszard T. Smolenski, Timothy E. Bates, and Magdi H. Yacoub
- 1833 Increased Osteoblast Apoptosis in Apert Craniosynostosis: Role of Protein Kinase C and Interleukin-1 Jérome Lemonnier, Eric Haÿ, Philippe Delannoy, Olivia Fromigué, Abderrahim Lomri, Dominique Modrowski, and Pierre I. Marie
- 1843 Novel Genomic Imbalances in B-Cell Splenic Marginal Zone Lymphomas Revealed by Comparative Genomic Hybridization and Cytogenetics Jesús María Hernández, Juan Luis García, Norma Carmen Gutiérrez, Manuela Mollejo, José Angel Martínez-Climent, Teresa Flores, María Belén González, Miguel Angel Piris, and Jesús F. San Miguel
- 1851 Analysis of T-Cell Subpopulations in T-Cell Non-Hodgkin's Lymphoma of Angioimmunoblastic Lymphadenopathy with Dysproteinemia Type by Single Target Gene Amplification of T Cell Receptorβ Gene Rearrangements
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- 1859 Mapping the Binding Domain of Immunoglobulin Light Chains for Tamm-Horsfall Protein Web-Zbong Ying and Paul W. Sanders
- 1867 Stepwise Deletions of PolyA Sequences in Mismatch Repair-Deficient Colorectal Cancers Corey Blake, Jen-Lan Tsao, Anna Wu, and Darryl Shibata

- 1871 Effects of in Vivo Heregulin β1 Treatment in Wild-Type and ErbB Gene-Targeted Mice Depend on Receptor Levels and Pregnancy
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- 1881 Immunopathology and Ehrlichial Propagation Are Regulated by Interferon-γ and Interleukin-10 in a Murine Model of Human Granulocytic Ehrlichiosis
 Mary E. Martin, Karen Caspersen, and J. Stepben Dumler

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- 1889 Bcl-2 Expression in Anaplastic Large Cell Lymphoma
 Claire Villalva, Fetbi Bougrine, Georges Delsol, and Pierre Brousset
- 1890 Formation of Granulomas in the Lungs of Severe Combined Immunodeficient Mice after Infection with Bacillus Calmette-Guerin

 Torsten Goldmann, Gernot Zissel, Robin Sen Gupta, Max Schlaak, Ekkebard Vollmer, and Joachim Müller-Quernbeim

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- 1895 PTEN, a Protean Tumor Suppressor George L. Mutter
- 1899 Mechanism of Apoptotic Regulation of Follicular Regression: Toward Understanding the Molecular Basis for Tissue Remodeling and Regeneration
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- 1903 Putative Tumor Suppressor Loci at 6q22 and 6q23-q24 Are Involved in the Malignant Progression of Sporadic Endocrine Pancreatic Tumors
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- 1913 p53 Involvement in the Control of Murine Hair Follicle Regression Vladimir A. Botchkarev, Elena A. Komarova, Frank Siebenbaar, Natalia V. Botchkareva, Andrei A. Sharov, Pavel G. Komarov, Marcus Maurer, Andrei V. Gudkov, and Barbara A. Gilchrest
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